

<p>FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>	Attorney Docket Number	53860/RAG/C766
	Application Number	10/841,075
	Filing Date	March 24, 2004
	Applicant(s)	Aaron D. Bachelder, et al.
	Group Art Unit	2632
	Examiner Name	N/A

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
PTW		4,775,865	10-1988	Smith et al. 340/906
		5,014,052	05-1991	Obeck, Carl J. 340/906
		5,710,555	01-1998	McConnell et al. 340/916
		5,889,475	03-1999	Klosinski et al. 340/902
		6,232,889	05-2001	Apitz et al. 340/906
		6,326,903 B1	12-2001	Gross et al. 340/918
PTW		6,621,420	09-2003	Poursartip, Slavash 340/907

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EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Co-pending U.S. Patent Application No. 10/811,075; filed March 24, 2004, entitled EMERGENCY VEHICLE TRAFFIC SIGNAL PREEMPTION SYSTEM
		Co-pending U.S. Patent Application No. 10/704,530; filed November 7, 2003, entitled METHOD AND SYSTEM FOR BEACON/HEADING EMERGENCY VEHICLE INTERSECTION PREEMPTION

EXAMINER SIGNATURE	<i>phyw</i>	DATE CONSIDERED	02/14/06
<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.</p>			

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	53860/RAG/C766
Application Number	10/844,075
Filing Date	March 24, 2004
Applicant(s)	Aaron D. Bachelder, et al.
Group Art Unit	2632
Examiner Name	N/A

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
PTN		Co-pending U.S. Patent Application No. 10/696,490; filed October 28, 2003, entitled METHOD AND APPARATUS FOR ALERTING CIVILIAN MOTORISTS TO THE APPROACH OF EMERGENCY VEHICLES
PTN		Co-pending U.S. Patent Application No. 10/965,408; filed October 12, 2004, entitled TRAFFIC PREEMPTION SYSTEM
PTN		Co-pending U.S. Patent Application No. 10/960,129; filed October 6, 2004, entitled DETECTION AND ENFORCEMENT OF FAILURE-TO-YIELD IN AN EMERGENCY VEHICLE PREEMPTION SYSTEM
PTN		Co-pending U.S. Patent Application No. 10/410,582, filed April 8, 2003, entitled EMERGENCY VEHICLE CONTROL SYSTEM TRAFFIC LOOP PREEMPTION

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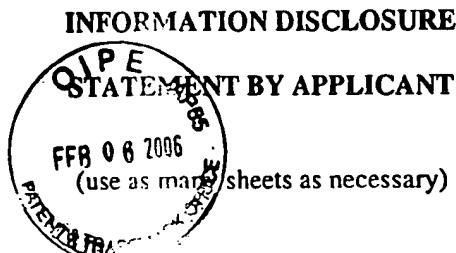
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FORM PTO/SB/08A/B (10-01)
Substitute for PTO-149A/B



Attorney Docket Number	53860/C766
Application Number	10/811,075
Filing Date	March 24, 2004
Applicant(s)	Aaron D. Bachelder, et al.
Group Art Unit	2632
Examiner Name	Phung Nguyen

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

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P7N	BERNARD HELD, <i>Bus Priority: A Focus on the City of Melbourne</i> , August 1990, Monash University, pgs. 157-160, and 180-189

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EXAMINER SIGNATURE		DATE CONSIDERED	02/14/06
EXAMINER: Aaron D. Bachelder, Inc. Patent Document Examiner as indicated on Patent Application Trans-	e consider ¹ whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not communicate to applicant. ² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Circular 9, or MPEP 606. ⁴ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁵ For Japanese patent titles, the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols in the WIPO Standard ST.16 if possible. ⁷ Applicant is to place a check mark here if English Language Translation is attached.		

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Substitute for PTO/SB/10-A/B

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(use as many sheets as necessary)

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Group Art Unit	2632
Examiner Name	Phung Nguyen

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER Number - Kind Code ³ (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
P7W	3,881,169	04-29-1975	Malach 340/32
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EXAMINER INITIALS	Patent Document Kind Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (<input checked="" type="checkbox"/>)

OTHER DOCUMENTS

EXAMINER INITIALS	Give name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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conform with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO
gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent
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Sheet 1 of 1

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B		Attorney Docket Number	53860/C766
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <div style="text-align: center;">  USE AS MANY SHEETS AS NECESSARY </div>		Application Number	10/811,075
		Filing Date	March 24, 2004
		Applicant(s)	Aaron D. Bachelder, et al.
		Group Art Unit	2632
		Examiner Name	N/A

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
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✓		5,177,489	01-05-1993	Hatch 342/357
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EXAMINER SIGNATURE	<i>Phyllis W. Wynn</i>	DATE CONSIDERED	02/14/06
EXAMINER: <i>PTN</i> considered. In Patent Docum documents, the as indicated on Patent and Tra	Considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not to be considered. This form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO at www.uspto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.		

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FORM PTO/SB-10-01 Substitute for 10/02 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number 53860/C766
	Application Number 10/811,075
	Filing Date March 24, 2004
	Applicant(s) Aaron D. Bachelder, et al.
	Group Art Unit 2632
	Examiner Name N/A

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EXAMINER INITIALS	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
PTW	FR 2 670 002 - A1	06-05-1992	Leroy, Philippe
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PTW	FR 2 693 820 - A1	01-21-1994	Babsky, Jean

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EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
PTW	GUNNAR ANDERSSON, article entitled <i>Fleet Management in Public Transport</i> , The 3rd International Conference on Vehicle Navigation & Information Systems, Oslo, 2-4 Sept. 1992, pgs. 312-317.
PTW	AMES R. HELMER, <i>Intelligent Vehicle Highway Systems at Work in San Jose, California</i> , pgs. 345-347..
PTW	HORST E. GERLAND, <i>ITS Intelligent Transportation System: Fleet Management with GPS Dead Reckoning, Advanced Displays, Smartcards, etc.</i> , IEEE-IEE Vehicle Navigation & Information Systems Conference, Ottawa - VNIS '93, pgs. 606-611.

EXAMINER SIGNATURE PTW	DATE CONSIDERED 02/14/06
Considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.	

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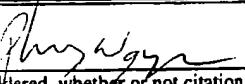
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Sheet 2 of 4

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	53860/C766
	Application Number	10/811,075
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	Applicant(s)	Aaron D. Bachelder, et al.
	Group Art Unit	2632
	Examiner Name	N/A

OTHER DOCUMENTS		
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
PTN	ROBERT F. CASEY, M.S., LAWRENCE N. LABELL, M.S., <i>Evaluation Plan for AVL Implementation in Four U.S. Cities</i> , May 17-20, 1992 IVHS America Proceedings, 11 pgs.	
PTN	N.B. HOUNSELL and M. MCDONALD, Contractor Report 88, Transport and Road Research Laboratory, Department of Transport, <i>Bus priority by selective detection cover</i> , pg. 8, pg. 22.	
PTN	DAVID A. BLACKLEDGE et al., <i>Electronic Passenger Information Systems - Do They Give the Public What They Want?</i> , PTRC 19th Summer, 9-13 September 1991 Annual Meeting, pgs. 163-176.	
PTN	American City & County Website, http://www.americacityandcounty.com , <i>City uses technology to track buses, emergency vehicles</i> , June 1, 2001, 1 pg.	
PTN	A. KIRSON et al., <i>The Evolution of ADVANCE, Development and Operational Test of a Probe-Based Driver Information System in an Arterial Street Network: a Progress Report</i> , The 3rd International Conference on Vehicle Navigation & Information Systems, pgs. 516-517.	
PTN	Volume Two, The Proceedings of the 1992 Annual Meeting of IVHS America, Surface Transportation and the Information Age, May 17-20, 1992, Newport Beach, CA, 13 pgs.	
PTN	LABELL ET AL., <i>Advanced Public Transportation Systems: The State of the Art, Update '92</i> , U.S. Department of Transportation Federal Transit Administration, 97 pgs.	
PTN	STEARNS ET AL., <i>Denver RTD's Computer Aided Dispatch/Automatic Vehicle Location System: the Human Factors Consequences</i> , U.S. Department of Transportation, Federal Transit Administration, September 1999, 82 pgs.	
PTN	APTS Project Summaries, http://www.itsdocs.fhwa.dot.gov , <i>Advanced Public Transportation Systems (APTS) Project Summaries</i> , June 1996, Office of Mobility Innovation, 33 pgs.	
PTN	BRENDON HEMILY, PhD., <i>Automatic Vehicle Location in Canadian Urban Transit; a Review of Practice and Key Issues</i> , December 1988, AATT Conference February 1989, pgs. 229-233.	
PTN	Canadian Urban Transit Association, <i>Proceedings, The International Conference on Automatic Vehicle Location in Urban Transit Systems</i> , September 19-21, 1988, Ottawa, Canada, 17 pgs.	
PTN	1991 TAC Annual Conference, <i>Proceedings</i> , Volume 4, Transportation: Toward a Better Environment, 21 pgs.	

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FORM PTO/SB/031/B (10-01) Substitute for PTO-119A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	53860/C766
	Application Number	10/811,075
	Filing Date	March 24, 2004
	Applicant(s)	Aaron D. Bachelder, et al.
	Group Art Unit	2632
	Examiner Name	N/A

OTHER DOCUMENTS	
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
PTN	CASEY ET AL., <i>Advanced Public Transportation Systems: The State of the Art</i> , U.S. Department of Transportation Urban Mass Transportation Administration, Component of Departmental IVHS Initiative, April 1991, 91 pgs.
PTN	U.S. Department of Transportation, <i>German "Smart-Bus" Systems, Potential for Application in Portland, Oregon, Volume 1, Technical Report</i> , January 1993, Office of Technical Assistance and Safety, Advanced Public Transportation Systems Program, A Component of the Departmental IVHS Initiative, 107 pgs.
PTN	ARUP, <i>Traffic Management for Bus Operations Main Report</i> , Prepared by Ove Arup Transportation Planning for the Public Transport Corporation, December 1989, 123 pgs (front and back).
PTN	RANDY D. HOFFMAN, et al. <i>DGPS, IVHS Drive GPS Toward Its Future</i> , GPS World Showcase, December 1992, 1 pg.
PTN	IAN A. GETTING, <i>Getting-The Global Positioning System</i> , IEEE Spectrum, December 1993, pgs. 37-38, 43-47.
PTN	US Study - Strategic Plan, Centennial Engineering, Inc., p.31
PTN	MORST E. GERLAND, <i>FOCCS - Flexible Operation Command and Control System for Public Transport</i> , PTRC 19th Summer 9-13 September 1991 Annual Meeting, pgs.139-150
PTN	SABOUNGHI et al., <i>The Universal Close-Range Road/Vehicle Communication System Concept - Numerous Applications of the Enhanced AVI</i> , 1991 TAC Annual Conference, pgs. A41, A43-2.
PTN	S. SABOUNGHI, <i>Intelligent Vehicle Highway System - The Universal Close-Range Road/Vehicle Communication System Concept - The Enhanced AVI and Its CVO Applications</i> , 1991, IS '91, Vehicle Indication and Information Systems Conference Proceedings, pgs. 957-967.
PTN	FRIONI, et al., <i>Public Transport Fleet Location System Based on DGPS Integrated with Dead Reckoning</i> , Road Vehicle Automation, July 12, 1993, pgs. 259-268.

EXAMINER SIGNATURE	<i>John W. Gray</i>	DATE CONSIDERED	02/14/06
EXAMINER considered the following documents, the Patent and Trademark Office:	1. Cited, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO MPEP 901.4. ⁴ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁵ For Japanese patent of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols WIPO Standard ST.16 if possible. ⁷ Applicant is to place a check mark here if English Language Translation is attached.		
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Attorney Docket Number	53860/C766
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P7W		4,017,825	04-12-1977	Pichey	340/32
		4,223,295	09-16-1980	Bonner et al.	340/22
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		5,745,865	04-28-1998	Rostoker et al.	701/117
		5,889,475	03-30-1999	Klosinski et al.	340/902
U		6,064,319	05-16-2000	Matta	340/917
P7W		6,326,903 B1	12-04-2001	Gross et al.	340/988

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

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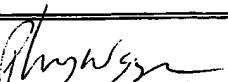
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Sheet 1 of 4

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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B		Attorney Docket Number	53860/C766
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/811,075
		Filing Date	March 24, 2004
		Applicant(s)	Aaron D. Bachelder, et al.
		Group Art Unit	2632
		Examiner Name	N/A

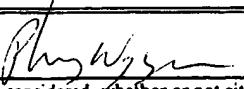
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	Applicant(s)	Aaron D. Bachelder, et al.
	Group Art Unit	2632
	Examiner Name	Phung Nguyen

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